

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/011620

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K39/39 A61P31/02 A61P31/12 A61P37/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 375 945 B1 (BOON THIERRY ET AL) 23 April 2002 (2002-04-23) column 1, line 14 - line 24 column 3, line 31 - column 4, line 33 claims; examples	1-32
X	WO 99/56775 A (AKZO NOBEL N.V.; NICOLSON, LESLEY; RIJKE, ERIC, ONNO) 11 November 1999 (1999-11-11) page 2, line 22 - page 3, line 19 page 4, line 15 - line 26 claims; examples	1-32
X	US 6 355 256 B1 (NOGUCHI YUJI ET AL) 12 March 2002 (2002-03-12) column 1, line 10 - line 27 claims; examples	1-32
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

9 February 2005

Date of mailing of the international search report

17/02/2005

Name and mailing address of the ISA

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International Application No  
PCT/EP2004/011620

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KIM J J ET AL: "MODULATION OF AMPLITUDE AND DIRECTION OF IN VIVO IMMUNE RESPONSES BY CO-ADMINISTRATION OF CYTOKINE GENE EXPRESSION CASSETTES WITH DNAIMMUNOGENS" EUROPEAN JOURNAL OF IMMUNOLOGY, WEINHEIM, DE, vol. 28, 1998, pages 1089-1103, XP000914724 ISSN: 0014-2980 the whole document	1-32
A	WO 98/18810 A (THE UNIVERSITY OF IOWA RESEARCH FOUNDATION; KRIEG, ARTHUR, M; KLINE, J) 7 May 1998 (1998-05-07) page 27, line 34 page 50, line 19 claim 27	1-32
A	WO 01/58956 A (BASF AKTIENGESELLSCHAFT; GHAYUR, TARIQ; DIXON, RICHARD, W; ROGUSKA, MI) 16 August 2001 (2001-08-16) page 14; table 5	1-32
A	WO 01/57219 A (SCHERING CORPORATION) 9 August 2001 (2001-08-09) figure 1	1-32

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## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
  
Although claims 1-9 and 26 are directed to a method of treatment of the human body, the search has been carried out and based on the alleged effects of the composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Information on patent family members

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